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(54) Title of the Invention: Double optical connector structure

[Claims]

[Claim 1] A double optical connector constructed by a receptacle for transmission and reception and a plug for transmission and reception to be assembled into the receptacles,

wherein in the receptacle, the plug for transmission and reception is sandwiched with two sleeves, a pair of module holders is removably assembled into the sleeve, one side of each blade for abutting the pair of module holders is notched to be made into a straight part, and the module holder is assembled by connecting the straight parts themselves.

[Brief Description of the Drawings]

[Fig. 1] Fig. 1 is a top cross-sectional view showing an embodiment of the invention.

[Fig. 2] Fig. 2 is a perspective view showing the embodiment of the invention.

[Fig. 3] Fig. 3 is a schematic view showing the structure of a module holder according to the embodiment of the invention.

[Fig. 4] Fig. 4 is a schematic view showing the structure of a plug according to the embodiment of the invention.

[Fig. 5] Fig. 5 is a schematic view showing the structure

of a conventional FC type optical connector on the receptacle side.

[Fig. 6] Fig. 6 is a side view showing the structure of the conventional FC type optical connector on the plug side.

[Fig. 7] Fig. 7 is a schematic view showing the structure of a conventional SC type optical connector on the receptacle side.

[Fig. 8] Fig. 8 is a perspective view showing the structure of the conventional SC type optical connector on the plug side.

[Reference Numerals]

21: RECEPTACLE HOUSING I

22: SLEEVE

23: MODULE HOLDER

23a: BLADE

23b: STRAIGHT PART

24: RECEPTACLE HOUSING II

25: PACKAGE FOR LIGHT-EMITTING

26: PACKAGE FOR LIGHT-RECEIVING

27: SPLIT SLEEVE

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6/36		7139－2K		
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33/00	Ｍ	8934－4M		
		7210－4M	Ｈ０１Ｌ　31/ 02	Ｃ

審査請求　未請求　請求項の数１(全　3　頁)　最終頁に続く

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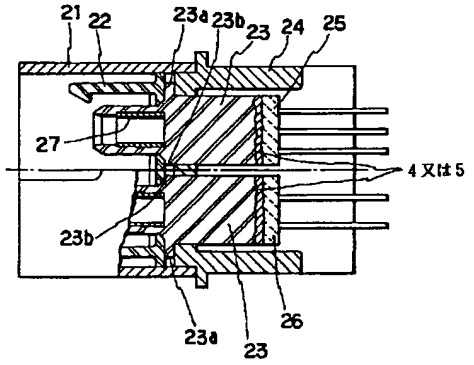
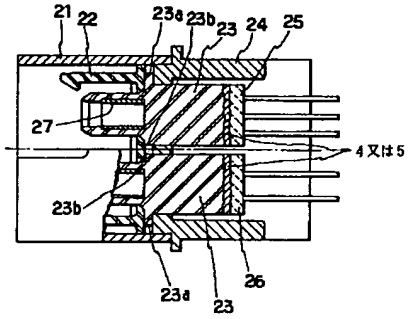
(54)【考案の名称】　２連光コネクタ構造



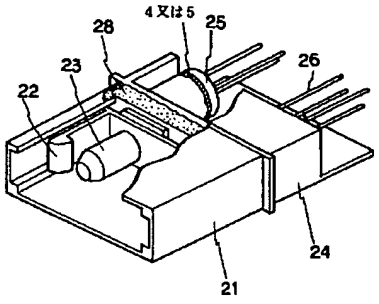
４…樹脂
５…溶接
２１…レセプタクルハウジングⅠ
２２…スリーブ
２３…モジュールホルダ
２３ａ…鍔
２３ｂ…ストレート部
２４…レセプタクルハウジングⅡ
２５…発光用パッケージ
２６…受光用パッケージ
２７…割りスリーブ

本考案の一実施例を示す上面断面図



4…樹脂
5…光接
21…レセプタクルハウジングI
22…スリーブ
23…モジュールホルダ
23a…鍔
23b…ストレート部
24…レセプタクルハウジングII
25…発光用パッケージ
26…受光用パッケージ
27…割りスリーブ

本考案の一実施例を示す上面断面図



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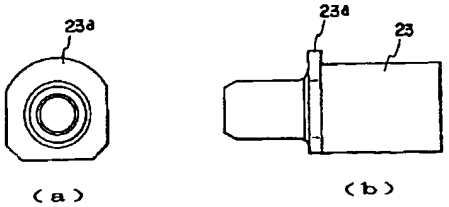
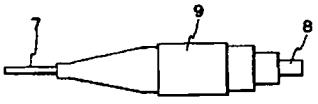
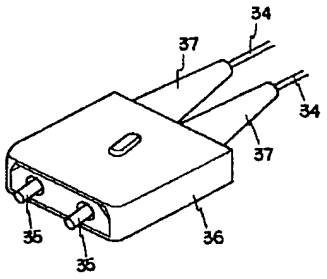


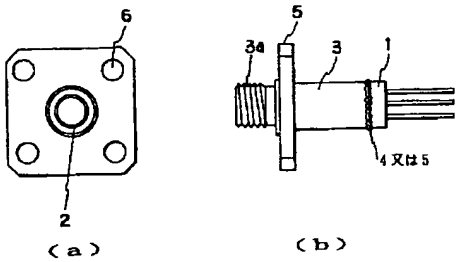
本実施例のモジュールホルダの構造図



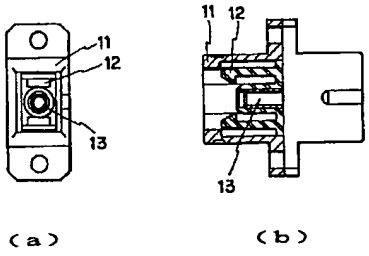
従来のFC形光コネクタのプラグ側を示す構造図



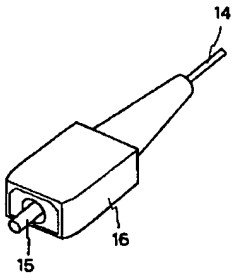
本実施例のプラグの構造図



従来のＦＣ形光コネクタのレセプタクル側を示す構造図



従来のＳＣ形光コネクタのレセプタクル側を示す構造図



従来のＳＣ形光コネクタのプラグ側を示す構造図